

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091719\
 Data File : VU034608.D
 Acq On : 17 Sep 2019 12:18
 Operator : JC/SP
 Sample : K4894-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMQ8

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 3:16:00 PM

Quant Time: Sep 18 05:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 18 04:30:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	237770	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	216546	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	86702	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53470	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.22%
7) Chloroethane-d5	1.67	69	47263	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.26	63	90295	38.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.94%
21) 2-Butanone-d5	4.15	46	149691	115.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.73%
24) Chloroform-d	4.62	84	138802	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.29	65	90472	56.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.86%
32) Benzene-d6	5.32	84	260355	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.36%
36) 1,2-Dichloropropane-d6	6.31	67	101337	57.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.34%
41) Toluene-d8	7.54	98	244455	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	7.83	79	45845	54.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.44%
47) 2-Hexanone-d5	8.29	63	106090	110.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	148551	53.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	83884	54.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.48%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.27	96	5898	5.219 ug/L #	1
13) Acetone	2.31	43	2059	1.771 ug/L	90
20) cis-1,2-Dichloroethene	4.21	96	5487m	3.503 ug/L	
34) Trichloroethene	6.16	95	4119	3.010 ug/L	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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